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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 14 June 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Malinda Adair

PATENT
Attorney Docket No.: 015280-405100US
DHHS No.: E-293-1999/0-US-06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen H. Leppla et al.

Application No.: 10/088,952

Filed: March 22, 2002

For: MUTATED ANTHRAX TOXIN
PROTECTIVE ANTIGEN PROTEINS
THAT SPECIFICALLY TARGET
CELLS CONTAINING HIGH
AMOUNTS OF CELL-SURFACE
METALLOPROTEINASES OR
PLASMINOGEN ACTIVATOR
RECEPTORS

Customer No.: 20350

Confirmation No. 4741

Examiner: Brandon J. Fetterolf

Technology Center/Art Unit: 1642

AMENDMENT AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 15, 2004, please enter the following amendments and consider the following remarks. A three-month petition to extend the period for response to on or before June 15, 2005 accompanies this response.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.